







UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231

www.uspto.gov

Bib Data Sheet

CONFIRMATION NO. 5511

SERIAL NUMBER 10/029,344	FILING DATE 12/28/2001 RULE	C	CLASS 711	GROUP ART UNIT 2185		ATTORNEY DOCKET NO. P 280213 EMC-0- 068		
** CONTINUING DA' ** FOREIGN APPLIC	gs, Hopkinton, MA; FA ***********************************	*** No	ne (Lwi)				
			STATE OR COUNTRY MA	SHEETS TOTA DRAWING CLAI 8 12		MS	INDEPENDENT CLAIMS 1	
ADDRESS Pillsbury Winthrop LL Intellectual Property (1600 Tysons Bouleva McLean ,VA 22102	Group # 000							
TITLE Management of file e	xtent mapping to hasten	mirror b	reaking in file I	evel m	irrored t	oackups		
RECEIVED No.	S: Authority has been given in Paperto charge/credit DEPOSIT ACCOUNTfor following:			All Fees 1.16 Fees (Filing) 1.17 Fees (Processing Ext. of time) 1.18 Fees (Issue) Other Credit				